OAQ Process Information Application
PI-20: WOODWORKING & PLASTIC MACHINING
State Form 52561 (2-06)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
100 N. Senate Avenue, Indianapolis, IN 46204

Telephone: (317) 233-0178 or
Toll Free: 1-800-451-6027 x30178 (within Indiana)
Facsimile Number: (317) 232-6749
www.IN.gov/idem/air/permits/index.html

NOTES:
- The purpose of this form is to obtain detailed information about the woodworking or plastic machining process. Complete one form for each process unit (or group of identical process units). This is required form.

- Detailed **instructions** for this form are available online at www.IN.gov/idem/air/permits/apps/instructions/pi20instructions.html.

- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

PART A: Process Information

Part A identifies the woodworking or plastic machining process. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

1. **Unit ID**:

2. **Installation Date**:
   (actual or anticipated)

3. **How many** *(identical)* **process units are identified in this form?**   ☐ One   ☐ More than one *(specify number)* : _____

4. **Type of Process**:   ☐ Plastic Machining   ☐ Woodworking   ☐ Other *(specify)*:

5. **Machining Equipment**:   ☐ 10 inch Table Saw   ☐ SHP Planar   ☐ Other *(specify)*:

6. **Capacity Rating** *(specify units)*:

7. **Grain Loading from the Pneumatic Conveyor Outlet** *(gr/dscf)*:

8. **Maximum Airflow** *(acfm)*:

9. **Normal Airflow** *(acfm)*:

10. **Maximum Production Rate** *(specify units)*:

11. **Control Technology**: *Identify all control technologies used for this process, and attach completed CE-01 form (unless "none").*

   ☐ None

   ☐ Baghouse / Fabric Filter – *Attach CE-02.*   ☐ Cyclone – *Attach CE-03.*

   ☐ Electrostatic Precipitator – *Attach CE-04.*   ☐ Electrostatic Gravel Bed Filter – *Attach CE-04*

   ☐ Wet Scrubber / Absorption – *Attach CE-05.*   ☐ Mechanical Collector – *Attach CE-10*

   ☐ Other *(specify)*:   – *Attach CE-10.*

12. **Control Techniques**: *Identify all control techniques used for this process.*

13. **Process Limitations / Additional Information**: *Identify any acceptable process limitations. Attach additional information if necessary.*

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PART B: Emission Factors

Part B identifies all emission factors used to calculate air emissions from this process.

14. Process Unit (& ID, if applicable)	15. Air Pollutant	16. Emission Factor value	units	17. Source of Emission Factor (if not using AP-42, include calculations)	
				☐ AP-42	☐ Other
				☐ AP-42	☐ Other
				☐ AP-42	☐ Other
				☐ AP-42	☐ Other
				☐ AP-42	☐ Other
				☐ AP-42	☐ Other

PART C: Processed Materials

Part C identifies the materials machined, the raw materials usage, and the rate of dust production.

18. Materials Machined	19. Raw Materials Usage Rate (lb/hr)	20. Dust Production (lb/hr)

PART D: Federal Rule Applicability

Part D identifies any federal rules that apply to the process.

21. Is a **New Source Performance Standard (NSPS)** applicable to this source? *Attach a completed FED-01 for each rule that applies.* ☐ Yes ☐ No

40 CFR Part 60, Subpart _____ *(Specify)*:

22. Is a **National Emission Standard for Hazardous Air Pollutants (NESHAP)** applicable to this source? *If yes, attach a completed FED-01 if this rule is applicable.* ☐ Yes ☐ No

40 CFR Part 61, Subpart _____ *(Specify)*:

40 CFR Part 63, Subpart _____ *(Specify)*:

23. Non-Applicability Determination: Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.